

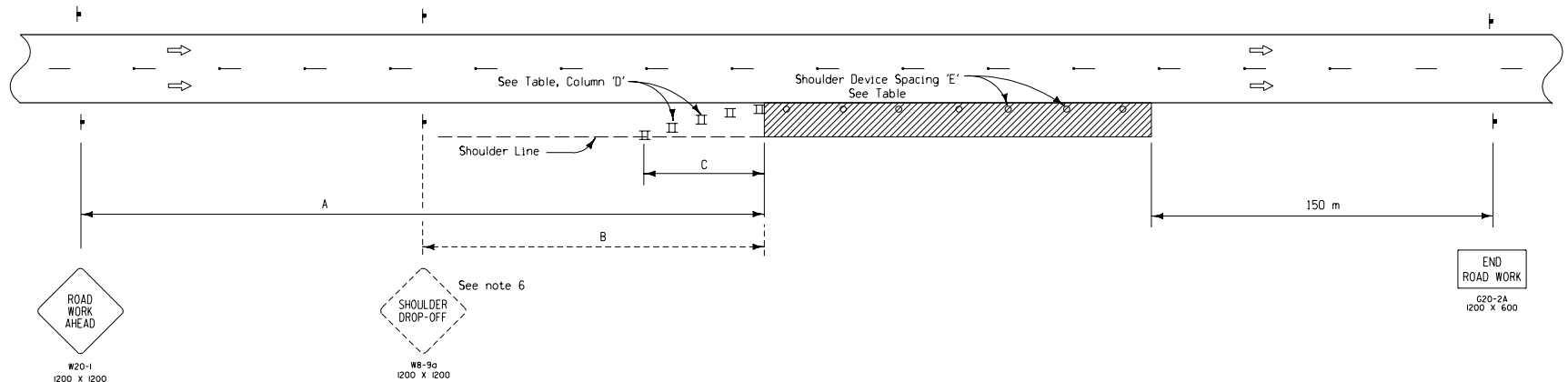
# MULTI-LANE ROADWAY

## TYPICAL APPLICATIONS

Culvert Work  
Shoulder Work  
Utility Operations  
Guardrail Installation  
Side Road Intersection

SPEED LIMIT	Sign Spacing		Shoulder Closure Taper		Shoulder Device Spacing 'E'		
			Taper Length	Device Spacing	Horizontal Curve Radius		
	'A'	'B'			Greater than 300 m	90 m to 300 m	Less than 90 m
35 mph	150 m	75 m	30 m	10 m	12 m	12 m	6 m
45 mph	300 m	150 m	60 m	15 m	24 m	12 m	6 m
55-65 mph	450 m	150 m	80 m	20 m	36 m	12 m	6 m

Note: A minimum of three barricades is required.



## GENERAL NOTES:

- This layout represents traffic controls required for workers and equipment operating within 4.5 meters of the edge of the traveled way for more than 1 hour. For work lasting less than 1 hour, refer to RS-61.
- Signs and barricades shall be covered or removed during nonworking hours unless a drop-off or physical obstruction remains within 4.5 meters of the edge of the traveled way.
- No signs or barricades are required for equipment operating or work in progress more than 4.5 meters from the traveled way.
- Cones may be used as channelizing devices in the taper and along the work area during daylight hours only.
- Where no shoulder drop-off exists:
  - Work or equipment confined to a spot location (less than 60 meters) shall be marked with barricades at 8 meter spacing or a vehicle with a yellow revolving light or yellow strobe light visible to oncoming traffic.
  - Work extending more than 60 meters of roadway length shall be marked with barricades as noted in the Table.
- Shoulder Drop-offs (50 millimeters or greater)
  - When a shoulder drop-off exists, a "Shoulder Drop-off" sign will follow the "Road Work Ahead" sign.
  - Channelizing devices shall be spaced at 15 meters or in accordance with the Table, whichever is less. Barricade height shall be measured from the pavement surface. A temporary fillet shall be constructed in accordance with Article 1107.09.
  - When the drop-off exceeds 150 millimeters, the adjacent lane shall be closed. Refer to Standard Road Plans RS-63 and RS-64.
- There will be no parking of vehicles or equipment outside the work area within the public right-of-way.

All dimensions given in millimeters unless noted.

M	Iowa Department of Transportation Project Development Division		
	STANDARD ROAD PLAN		RS-62
	REVISION: Change "TWO-LANE ROADWAY" reference to "MULTI-LANE ROADWAY".		REVISION NO. 6
	APPROVED BY DESIGN METHODS ENGINEER		REVISION DATE 01-12-99
METRIC VERSION	TRAFFIC CONTROL LAYOUT FOR WORK LESS THAN 4.5 METERS FROM THE TRAFFIC LANE		

## LEGEND

- Traffic Sign
- Type II Barricade
- Channelizing Device (Vertical Panel, Type I or Type II Barricade)
- Work Area